

### **REMARKS**

The Office action dated November 14, 2008, is acknowledged. Claims 1, 3, 5-7 and 9-13 are pending in the instant application. According to the Office action, each of these claims has been rejected. New claims 14-20 have been added as set forth above, without adding new matter, to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Reconsideration is respectfully requested in light of the following remarks.

#### **Possible New Matter Rejection**

The Examiner stated on page 2 of the Office action that "there does not appear to be any support in the specification for the concept of multiple layer strips being formed by folding of a single sheet." The Examiner is correct that there is no folding of the multiple layer strips. However, the Examiner then concluded that the limitation of "no folds" in claim 1 appears to be new matter. The Applicant respectfully disagrees with the Examiner and presents evidence herewith that a wrinkle is a fold in the form of the dictionary definition of a wrinkle.

During examination the USPTO must give claims their broadest reasonable interpretation (MPEP 2111.01). This means that the words of the claim must be given their plain meaning unless applicant has provided a clear definition in the specification. MPEP 2111.01 citing *In re Zletz*, 893 F.2d 319, 321, 13 USPQ2d 1320, 1322 (Fed. Cir. 1989). "Plain meaning" refers to the ordinary and customary meaning given to the term by those of ordinary skill in the art (MPEP 2111.01).

The ordinary and customary meaning of a term may be evidenced by a variety of sources. MPEP 2111.01 citing *Phillips v. AWH Corp.*, 75 USPQ2d 1321 (Fed. Cir. 2005) (*en banc*). These sources include: the claims themselves, MPEP 2111.01 citing *Process Control Corp. v. HydReclaim Corp.*, 190 F.3d 1350, 1357, 52 USPQ2d 1029, 1033 (Fed. Cir. 1999); dictionaries and treatises, MPEP 2111.01 citing *Tex. Digital Sys., Inc. v. Telegenix, Inc.*, 308 F.3d 1193, 1202, 64 USPQ2d 1812, 1818 (Fed. Cir. 2002); and the written description, the drawings, and the prosecution history. MPEP 2111.01 citing *DeMarini Sports, Inc. v. Worth, Inc.*, 239 F.3d 1314, 1324, 57 USPQ2d 1889, 1894 (Fed. Cir. 2001).

If more than one extrinsic definition is consistent with the use of the word(s) in the intrinsic record, the claim term(s) may be construed to encompass all consistent meanings. MPEP 2111.01 citing *Tex. Digital*, 308 F.3d at 1203, 64 USPQ2d at 1819.

Furthermore, the specification must be reviewed to determine "whether the presumption of ordinary and customary meaning is rebutted." MPEP 2111.01 citing *Tex. Digital*, 308 F.3d at 1204. "The presumption will be overcome where the patentee, acting as his own lexicographer, has set forth a definition for the term different from its ordinary and customary meaning or where the patentee has disavowed or disclaimed scope of coverage, by using words or expressions of manifest exclusion or restriction, representing a clear disavowal of claim scope." (MPEP 2111.01).

The Applicant submits that the term "wrinkle" means a "fold." Applicant has included herewith definitions from multiple dictionaries for support. The dictionary definition of "wrinkle", according to the Online MSN Encarta Dictionary, is "a small fold

in material” as seen in Exhibit A. The Cambridge Online Dictionary also defines “wrinkle” as “a small line or fold...” as evidenced by Exhibit B. YourDictionary.com lists the definition of a “wrinkle” as “a small ridge or furrow in a normally smooth surface, caused by contraction, crumpling, folding, etc.” as set forth in Exhibit C. This same definition is used by Dictionary.com and The American Heritage® Dictionary as seen in respective Exhibits D and E. Thus, the term “fold” is included in the definition of wrinkle since wrinkles are caused by folding. Also, the terms “wrinkle” and “fold” are synonyms as shown in Exhibit C. Based on Exhibits A-E, the Applicant respectively submits that the term “wrinkle” means a “fold.” Furthermore, the presumption of ordinary and customary meaning of the term “wrinkle” and “fold” has not been rebutted. The Applicant has not acted as his own lexicographer by setting forth a definition for the terms inconsistent with their ordinary and customary meaning. Therefore, the Applicant has not disavowed the claim scope of the claims, and these claims should be given the broadest reasonable interpretation. Paragraph [0026] of the specification that recites “it is important that the strips 4 abut on the base 1 as evenly as possible and without any wrinkles or curls” is broadly interpreted meaning without any folds. Therefore, the claimed subject matter of claim 1 was described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventors, at the time the application was filed, had possession of the claimed invention.

Heikaus et al. teaches that the reinforcement of the main film can be determined by the number of folds. The film strips are folded preferably twice, and particularly four times, in the longitudinal direction (Heikaus para. [0007]). Therefore, the reinforcement

strips of Heikaus are not generally even, and are not at least without wrinkles and folds.

Independent claims 1, 13 and 14 of the present application recite that the strips are generally even, but at least without wrinkles and folds – that is, devoid of wrinkles and folds. Any wrinkling of the reinforcement strip naturally would cause folding, since any wrinkled reinforcement strip would consist of several folded layers of the reinforcement strip upon itself. Support for the foregoing is found in para. [0026], amongst other places. Stated another way, the folding itself is a big wrinkle.

The Examiner conceded that neither Heikaus et al. nor Tiozzo taught multiple unfolded reinforcement strips as discussed further below in the comments regarding the 103 obviousness rejection.

Based on the above broadest reasonable interpretation of the term "wrinkle" being equivalent to a "fold," the Applicant respectfully requests the withdrawal of Heikaus et al. and Tiozzo as references against patentability. Furthermore, the Examiner stated on page 2 of the Office action that Heikaus et al. would be overcome if the "no folds" language in the claims is found to be supported in the original specification.

#### **Rejection of Claims 1, 3, 5-7 and 9-13 under 35 U.S.C. 103(a)**

Claims 1, 3, 5-7 and 9-13 have been rejected as being obvious under 35 U.S.C. 103(a) as being unpatentable over Tiozzo (EP 0909721 A1) in view of Paulett (U.S. 5,935,681) further in view of Calligarich (U.S. 4,758,297).

The Examiner notes that Tiozzo teaches non-perforated strips that may be extruded or laminated onto a stretch film that is perforated in areas not covered by the

strips (Fig. 3, para. [0029] and [0033]) and that the width of the holes may be varied at will (para. [0038]). The Examiner argued that Paulett teaches forming a hole with a rim thicker than the thickness of the sheet by melting the film with a heated needle or other means, so that the rim forms when the melted plastic solidifies (element 26, col. 3, lines 25-40). The Examiner stated that Calligarich shows a rim with a thickness greater than the hole and that it allows greater tear prevention (Fig. 5, col. 4, lines 25-30). The Examiner stated it would have been within the ordinary skill of the art to have extended the hole size of Tiozzo up to the edge of the strips in view of the teaching to vary the hole size at will. The Examiner further said it would have been obvious to form a ring with heat around the holes of Tiozzo in order to prevent tearing because of the teachings of Paulett and Calligarich.

The Applicant's attorney, Dan Smola, had a telephone interview with the Examiner on May 5, 2009 to discuss an amendment to the claims. The Applicant's attorney pointed out that Tiozzo teaches either a single layer of reinforcement elements (Col. 3, para. [0028-0029], Figs. 4, 6) or reinforcement elements which are obtained by overlap folding of the longitudinal portions of the thin sheet (Col. 3, para. [0032], [0035], Fig. 5). However, the Applicant's attorney stated that Tiozzo did not disclose the limitation of multiple unfolded reinforcement strips.

The Examiner spent some time reviewing the prior art references and could not find any teaching or suggestion for such limitation. The Examiner conceded that Tiozzo did not teach multiple unfolded reinforcement strips. Based on this, the Applicant's attorney and the Examiner discussed an amendment to the claims to include this

limitation. The Examiner stated that the amendment should be “positively claimed” and supported by the present specification, and therefore did not recommend using the term “unfolded” in the amendment. The Examiner suggested the following language: “wherein said at least two layers of strips are only attached to the base and to each other at their major planar faces.” The Examiner stated that this limitation meant that the multiple strips are unfolded.

The Applicant has added new claims 14-20 as set forth above, without adding new matter, to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The Applicant also amended the specification at para. [0024] to define the “major planar faces.”

Regarding the issue of extending the hole-size of Tiozzo up to the edge of the strips in view of teaching to vary the hole-size at will, Tiozzo discusses that “the width of the holes can be defined at will and is not dependent on the degree of stretching” (section 0040). Additionally Tiozzo discusses, that “the reinforcement elements restrain the tendency of the holes to widen uncontrollably when the film is pulled and to tear it” (section 0041). Following the same idea, Tiozzo states that “the slits widen so as to provide openings which allow ventilation” (section 0037). The reinforcement elements of Tiozzo restrain the holes from widening too much, i.e. uncontrollably. Therefore, Tiozzo expressly teaches that the width of the holes is not fixed or constant, but rather widens when the stretch film is pulled. Thus, Tiozzo actually teaches away from a fixed width of the holes recited in some of the claims of the present invention as detailed below.

As the instant application states that "[i]deally, the strips 4 end exactly where the edges of the holes are positioned..." (para. [0023]) and presents Figure 4 where a top view of the stretch film after a stretching cycle is depicted, it becomes clear that the claims defining an aspect of the current invention state "wherein the width of at least a part of the strips extending in transverse direction in relation to the main direction is dimensioned such that the strips each reach up to the rows of holes adjacent to said strips to define between said pair of adjacent strips a fixed width for said holes extending in the transverse direction, wherein said holes maintain said fixed width when said stretch film is stretched in the main direction for preventing the development of tears in the film material and for preventing the spreading of such tears." As discussed in para. [0008] of the present application, this means "that the film strips applied to the base (the base film) abut on the rows of holes in tangential direction and can even touch the edges of the holes." Para. [0008] goes on to recite: "[a]s a result, those parts of the base where it is most probable that the stress concentration effect caused by the holes leads to the development of tears are strengthened by the additionally applied film strips."

Paulett, with reference to Figure 3 thereof, teaches that "[t]he weld also strengthens the product by preventing the resulting laminar film from breaking or tearing during stretching" (column 3, lines 31-33). Additionally, Calligarich, with reference to Figure 5 thereof, teaches that "removing the laminated material from contact with the hot-pin perforator; will be a laminated material having a fluid impervious surface punctuated with annular tear resistant perforations..." (column 4, lines 25-29). Therefore, even if a person of ordinary skill in the art would form a ring with heat around the holes of Tiozzo

in order to prevent tearing because of the teachings of Paulett and Calligarich, the person would never place the strips at the edges of the holes to hold fixed the width of the perforations or holes, since Tiozzo expressly teaches that the holes widen when the stretch film is pulled until the holes reach the reinforcement strips.

Claims 1, 3, 5-7 and 9-13 have been rejected as being obvious under 35 U.S.C. 103(a) as being unpatentable over Heikaus et al. (WO 01/60709, US 2005/0123721 being taken as an equivalent translation of the WO '709 reference) in view of Paulett (U.S. 5,935,681) further in view of Calligarich (U.S. 4,758,297).

The Examiner noted that Heikaus et al. teaches a stretch film with strips that are laminated to the film and rows of holes which are perforated using heat between the strips (Fig. 2b, para. [0009] and [0018] of the translation). The Examiner argued that Paulett teaches forming a hole with a rim thicker than the thickness of the sheet by melting the film with a heated needle or other means, so that the rim forms when the melted plastic solidifies (element 26, col. 3, lines 25-40). The Examiner stated that Calligarich shows a rim with a thickness greater than the hole and that it allows greater tear prevention (Fig. 5, col. 4, lines 25-30). The Examiner stated it would have been within the ordinary skill of the art to have varied the hole size of Heikaus et al. up to the edge of the strips, depending on the need for ventilation, as the reference teaches that the strips will prevent the holes from tearing beyond the edge of the strips (para. [0006]). The Examiner also said that use of heated perforation means will produce rims around the holes. The Examiner further said it would have been obvious to form a ring with heat around the holes of Heikaus et al. in order to prevent tearing because of the teachings of Paulett and



Calligarich.

As previously mentioned, Applicant's attorney, Dan Smola, discussed amending the claims on the May 5, 2009 telephone interview with the Examiner. It was explained that Heikaus et al. teaches reinforcement strips which are obtained by folding of the film strips (Para. [0006-0008], Figs. 3a-3d). The Applicant's attorney noted that Heikaus et al. did not disclose the limitation of multiple unfolded reinforcement strips.

After reviewing the prior art references, the Examiner conceded that Heikaus et al., like Tiozzo, did not teach multiple unfolded reinforcement strips. As previously mentioned above, Applicant has added new claims 14-20 with the limitation "wherein said at least two layers of strips are only attached to the base and to each other at their major planar faces."

Heikaus et al. also states that "...two respective reinforcement strips have a plurality of rows of holes arranged therebetween...", that "[i]f particularly strong and tear-resistant films are required, only one row of holes is provided between the reinforcement strips" and that "[a] further increase of the strength of the stretch film with continued reliable venting can be achieved by providing holes only between each second pair of reinforcement strips..." (para [0017]). Additionally, taking into consideration Figure 1, the holes in Heikaus et al. either broaden during stretching or coalesce as Heikaus teaches that holes will enlarge along the whole width of the film because of the tension in the longitudinal direction of the film (para. [0003]). Therefore, even if a person of ordinary skill in the art would form a ring with heat around the holes of Heikaus et al. in order to prevent tearing because of the teachings of Paulett and Calligarich, the

person would never have placed the strips at the edges of the holes to hold fixed the width of the perforations or holes, since Heikaus et al. expressly teaches the holes between adjacent strips will widen along the whole width of the film during stretching of the film in the longitudinal direction.

The instant application teaches the strips to end exactly where the edges of the holes are positioned independent of the need for ventilation, while the width of the holes is all the time fixed independent of the degree of stretching, as some of the claims of the present invention recite "wherein the width of at least a part of the separation between the respective adjacent pairs of the strips extending in transverse direction in relation to the main direction, is dimensioned such that the strips each reach up to the rows of holes adjacent to said strips to define between said respective pairs of adjacent strips a fixed width for said holes extending in the transverse direction, wherein said holes maintain said fixed width when said stretch film is stretched in the main direction for preventing the development of tears in the film material and for preventing the spreading of such tears."

The claims of the present invention refer to a novel and nonobvious film where the width of the reinforcement strips reach up to the row of holes adjacent to the strips, where the strips are generally even, but at least without wrinkles and folds, wherein each hole is a fixed width surrounded by a bead having a thickness that exceeds the thickness of the base. Moreover, the strips abut the base evenly and are devoid of wrinkles, folds and curls. New claims 14-20 recite that the "at least two layers of strips are only attached to the base and to each other at their major planar faces." Therefore, the subject

matter of the present invention as a whole is not obvious to a person of ordinary skill in the art in connection to the prior art and the teachings of Tiozzo, Paulett and Heikaus. Therefore, claim 1 and its dependent claims and claim 13, as well as new claims 14-20 should be allowed since the combination of the prior art does not teach each and every limitation in the present claims.

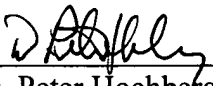
### Conclusion

For the foregoing reasons, it is believed that the present application, with the claims in their amended form, is in condition for allowance, and such action is earnestly solicited. The Examiner is invited to call the undersigned if there are any remaining issues to be discussed which could expedite the prosecution of the present application.

Respectfully submitted,

Date: May 14, 2009

Att.  
Exhibits A-E  
DPH/DS

By:   
D. Peter Hochberg  
Reg. No. 24,603

D. Peter Hochberg Co., L.P.A.  
1940 E. 6<sup>th</sup> St. – 6<sup>th</sup> Floor  
Cleveland, OH 44114  
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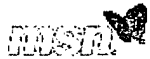
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wrinkle



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wrick

wriggle

wriggle out of

wriggler

wring

wringer

wringing wet

► **wrinkle**

wrinkly

wrist

wrist-drop

wrist pin

wrist support

wrist-top

wristband

wristcuff



wrin-kle [ ríngk'l ]

noun (*plural* wrin-kles)

### Definition:

1. **facial line from aging:** a line or crease between small folds of skin that forms on the face as a result of aging or exposure to the sun

2. **small fold in material:** a small messy or unintentional fold in cloth or paper

3. **problem:** something that causes trouble or inconvenience

• *We need to iron out the wrinkles in the plan before implementing it.*

4. **new feature:** an ingenious trick, method of doing something, or feature of something (*informal*)

• *We've added a couple of new wrinkles to the policy.*

transitive and intransitive verb (*past and past participle* wrin-kled, *present participle* wrin-king, *3rd person present singular*

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Dictionary

wrin·kles)

**Definition:**

**1. make or get small messy folds:** to make small messy or unintentional folds in something, or come to have messy folds

- *This fabric wrinkles easily.*

**2. make or get lines on skin:** to develop lines in the skin as a result of aging or exposure to the sun, or to cause such lines to develop


**3. contract part of face:** to tighten the muscles in part of the face so that it contracts or creases, or be tightened in this way

- *wrinkled her nose*

[14th century. Origin ?]

- wrin·kled *adjective*

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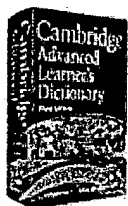
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## Definition

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**wrinkle** Show phonetics  
noun [C]

1 a small line in the skin caused by old age:

*fine wrinkles around the eyes*  
*anti-wrinkle creams*

2 a small line or fold in cloth

3 INFORMAL a problem, usually a minor one:

*There are still a few wrinkles to **iron out** (= solve) before the agreement can be signed.*

**wrinkle** Show phonetics  
verb [I or T]

If skin or material wrinkles, or if something wrinkles it, it gets small lines or folds in it:

*Sunbathing can prematurely age and wrinkle the skin.*

**wrinkled** Show phonetics  
adjective

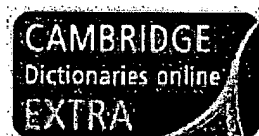
with a lot of wrinkles:

*a wrinkled face*

**wrinkly, wrinklie** Show phonetics  
noun [C] UK INFORMAL  
an old person

(from Cambridge Advanced Learner's Dictionary)

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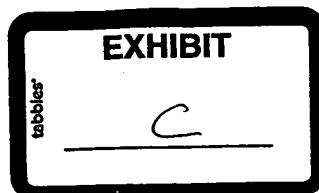
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# wrinkle ➦

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## wrinkle<sup>1</sup> definition

wrin·kle (rɪŋˈkəl)

### **noun**

1. a small ridge or furrow in a normally smooth surface, caused by contraction, crumpling, folding, etc.
2. a crease or pucker in the skin, as any of those caused by aging, frowning, etc.

Etymology: ME *wrinkel*, a wrinkle, prob. back-form. < *wrinkled* < OE (*ge*)*wrinclod*, pp. of (*ge*)*wrinclian*, to wind about, akin to *wringan*, to press, *wring*

### **transitive verb** wrinkled --kled, wrinkling --kling

to form a wrinkle or wrinkles in, as by contracting; pucker; crease

### **intransitive verb**

to be or become wrinkled

### **Related Forms:**

- wrinkly wrin'·kly **adjective** wrinklier --klier, wrinkliest --kli·est

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## wrinkle<sup>2</sup> definition

wrin·kle (rɪŋˈkəl)

### **noun**

INFORMAL a clever or novel trick, idea, or device

Etymology: prob. altered by assoc. with *wrinkle* < obs. *wrench*, a trick, artifice, ult. < OE *wrenc*, akin to *wrench*

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## wrinkle synonyms

wrinkle

### **n.**

crease, furrow, crinkle, ridge, fold, corrugation, line, crow's foot, pucker, pleat.

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## wrinkle synonyms

wrinkle

### **v.**

1. *To form into wrinkles*



rumple, crease, furrow, screw up, pucker, cockle, twist, crumple, compress, crinkle.

ANTONYMS straighten\*, smooth out, iron.\*

## 2. To become wrinkled

grow old, shrivel up, become warped, dry up, wither lose shape; see also wither.

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## wrinkle usage examples

### *preposition: of*

- skin: Wrinkles of skin should be present on lower legs.

### *converse of object*

- diminish: Fine lines may be entirely eliminated and deeper wrinkles diminished.
- smooth: Once unregulated, it was used for everything from smoothing wrinkles to giving breasts to transsexuals.
- remove: It is believed to tighten the skin to remove wrinkles.
- reduce: An infusion of petals applied to the skin is said to reduce wrinkles.
- prevent: Studies have shown the fruit can aid fertility, protect against heart disease and help prevent wrinkles.
- cause: Skin - smoking ages the skin prematurely causing deep wrinkles.

### *adjective modifier*

- facial: We will now conduct a further study into the use of the product for facial wrinkles.
- premature: Due to the weight-saving drive it was flimsy, so panels removed by fitters and dumped on the shed floor quickly acquired premature wrinkles.
- slight: One slight wrinkle I've found relates to the beaming of applications between PDAs.
- deep: Skin - smoking ages the skin prematurely causing deep wrinkles.

### *modifies a noun*

- twinkle: We recommend bliss baggage handler, or for more mature skin, bliss wrinkle twinkle.
- cream: Hmm not bad for 98 she thought, that wrinkle cream really works.
- depth: Proven performance: An instrumental measurement test demonstrated 89 % effectiveness on wrinkle depth from the moment of application.

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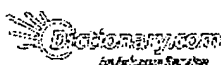
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**wrin·kle**<sup>1</sup> [ring-kuh<sup>1</sup>] [Show IPA Pronunciation](#)

noun, verb, -kled, -kling.

**-noun**

- a small furrow or crease in the skin, esp. of the face, as from aging or frowning.
- a temporary slight ridge or furrow on a surface, due to contraction, folding, crushing, or the like.

**-verb (used with object)**

- to form wrinkles in; corrugate; crease: *Don't wrinkle your dress.*

**-verb (used without object)**

- to become wrinkled.

**Origin:**

1375-1425; late ME (n.), back formation from *wrinkled*, OE *gewrinclod*, ptp. of *gewrinclian* to wind round; perh. akin to *WRICK*, *WRENCH*

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Language Translation for : **wrinkle**

Spanish: **arruga**, German: **die Falten, die Runzel**, Japanese: **〇〇**  
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**wrin·kle**<sup>2</sup> [ring-kuh<sup>2</sup>] [Show IPA Pronunciation](#)

**-noun Informal.**

an ingenious trick or device; a clever innovation: *a new advertising wrinkle.*

**Origin:**

1375-1425; late ME, equiv. to *wrinc* trick (OE *wrenc*; see *WRENCH*) + *-le*

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**wrin·kle** (ring'kal) [Pronunciation Key](#)

n.

- A small furrow, ridge, or crease on a normally smooth surface, caused by crumpling, folding, or shrinking.
- A line or crease in the skin, as from age.
- A clever trick, method, or device, especially one that is new and

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Wringing  
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different.

4. A problem or imperfection; a fault: *The report had to be revised because of a few wrinkles.*

v. **wrin·kled, wrin·kling, wrin·kles**

v. *tr.*

1. To make wrinkles or a wrinkle in.
2. To draw up into wrinkles; pucker: *wrinkled her nose in disdain.*

v. *intr.*

To form wrinkles.

[Middle English, back-formation from wrinkled, *wrinkled*, probably from Old English gewrinclod, past participle of gewrinclian, *to wind, crease*; see *wer-2* in Indo-European roots.]  
**wrin'kly** *adj.*

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# **wrinkle** (n.)

1387 (in wrinkling), probably from stem of O.E. gewrinclod "wrinkled, crooked, winding," pp. of gewrinclian "to wind, crease," from perfective prefix ge- + -wrinclian "to wind," from P.Gmc. \*wrankjan (see *wrench* (v.)). Meaning "defect, problem" first recorded 1643; that of "idea, device, notion" (especially a new one) is from 1817. The verb is attested from 1528.

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## **wrinkle**

### *noun*

1. a slight depression in the smoothness of a surface; "his face has many lines"; "ironing gets rid of most wrinkles"
2. a minor difficulty; "they finally have the wrinkles pretty well ironed out"
3. a clever method of doing something (especially something new and different)

### *verb*

1. gather or contract into wrinkles or folds; pucker; "purse one's lips" [syn: *purse*]
2. make wrinkles or creases on a smooth surface; make a pressed, folded or wrinkled line in; "The dress got wrinkled"; "crease the paper like this to make a crane"
3. make wrinkled or creased; "furrow one's brow" [syn: *furrow*]
4. become wrinkled or crumpled or creased; "This fabric won't wrinkle" [syn: *rumple*]

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### Main Entry: <sup>1</sup>**wrin·kle**

Pronunciation: 'ri[ng]-k&l

Function: *noun*

: a small ridge or furrow in the skin especially when due to age, care, or fatigue

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### Main Entry: <sup>2</sup>**wrinkle**

Function: *verb*

Inflected Forms: **wrin·kled**; **wrin·kling** /-k(&-)li[ng]/

*intransitive senses*

: to become marked with or contracted into wrinkles **wrinkle**

*transitive senses*

: to contract into wrinkles <*wrinkled skin*>

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## **Wrinkle**

Wrin"kle\, n. A wrinkle. [Local, U. S.]

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## **Wrinkle**

Wrin"kle\, n. [OE. wrinčil, AS. wrinčle; akin to OD. wrinckel, and prob: to Dan. rynke, Sw. rynka, Icel. hrukka, OHG. runza, G. runzel, L. ruga. ????.]

1. A small ridge, prominence, or furrow formed by the shrinking or contraction of any smooth substance; a corrugation; a crease; a slight fold; as, wrinkle in the skin; a wrinkle in cloth. "The wrinkles

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wrinkle

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in my brows." --Shak.

Within I do not find wrinkles and used heart, but unspent youth. --Emerson.

2. hence, any roughness; unevenness.

Not the least wrinkle to deform the sky. --Dryden.

3. [Perhaps a different word, and a dim. AS. wrenc a twisting, deceil. Cf. *Wrench*, n.] A notion or fancy; a whim; as, to have a new wrinkle. [Colloq.]

---

### Wrinkle

Wrin"kle\, v. t. [Imp. & p. p. *Wrinkled*; p. pr. & vb. n. *Wrinkling*.]

1. To contract into furrows and prominences; to make a wrinkle or wrinkles in; to corrugate; as, wrinkle the skin or the brow. "Sport that wrinkled Care derides." --Milton.

Her wrinkled form in black and white arrayed. --Pope.

2. Hence, to make rough or uneven in any way.

A keen north wind that, blowing dry, Wrinkled the face of deluge, as decayed. --Milton.

Then danced we on the wrinkled sand. --Bryant.

To *wrinkle at*, to sneer at. [Obs.] --Marston.

---

### Wrinkle

Wrin"kle\, v. i. To shrink into furrows and ridges.

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## wrinkle

SYLLABICATION: wrin·kle

PRONUNCIATION: ˈrɪŋɡəl

NOUN: 1. A small furrow, ridge, or crease on a normally smooth surface, caused by crumpling, folding, or shrinking. 2. A line or crease in the skin, as from age. 3. A clever trick, method, or device, especially one that is new and different. 4. A problem or imperfection; a fault: *The report had to be revised because of a few wrinkles.*

VERB: Inflected forms: wrin·kled, wrin·kling, wrin·kles

TRANSITIVE 1. To make wrinkles or a wrinkle in. 2. To draw up into wrinkles;

VERB: pucker: *wrinkled her nose in disdain.*

INTRANSITIVE To form wrinkles.

VERB:

ETYMOLOGY: Middle English, back-formation from *wrinkled*, wrinkled, probably from Old English *gewrinclod*, past participle of *gewrinclian*, to wind, crease. See *wer-*<sup>2</sup> in Appendix I.

OTHER FORMS: wrin'kly —ADJECTIVE

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